

# Emmit Parubrub

San Jose, CA | (808) 381-3817 | [eparubrub@usfca.edu](mailto:eparubrub@usfca.edu)  
[linkedin.com/in/Emmit-Parubrub](https://www.linkedin.com/in/Emmit-Parubrub) | <https://github.com/eparubrub>

## **Education**

University of San Francisco (USF), San Francisco, CA

May 2019

### ***B.S. Computer Science***

- GPA: 3.73
- Relevant Courses: Computer Architecture, Parallel Computing, Data Structures & Algorithms

## **Projects**

Parubobot (*Personal*)

- Created a Python web-automation script to ensure rapid retail checkouts.

Expandi (*Senior Team Project*)

- Collaborated with 4 members to develop a web-based adaptation of popular board game “Gaia Project” with React. (JS library)

Simple Cipher (*Cryptography*)

- Designed a Python application that emulates different types of encryption on text files.

Single-Cycle CPU (*Computer Architecture*)

- Constructed an ARM Single-Cycle CPU Emulator in Assembly and Logisim.

Sorting Analysis (*Data Structures and Algorithms*)

- Wrote several sorting methods to test efficiency on small and large scale data.
- Methods include: comb, merge, hybrid, bucket, radix, heap, randomized quick.

## **Technical Skills**

- Proficient at Java, Python, C, Github, HTML, CSS
- Experienced with React, TypeScript, ARM Assembly, JavaScript, npm, Emacs, Eclipse, Sublime, MySQL

## **Experience**

View Inc., Milpitas, CA

May 2019 - Present

### ***Software Engineering Intern***

- Enhance web element selection techniques for efficient and reliable web automation
- Develop and implement viable web testing methods
- Document insufficient programming techniques before revision
- Communicate conditions of unexpected outcomes within website production to front-end developers
- Programming Environments/Tools: Python, Selenium, Jenkins

USF Computer Science Department, San Francisco, CA

August 2018 - May 2019

### ***Computer Science Supertutor***

- Assist, on average, 10-15 CS students, per week, with coding in various languages: C, Java, Python.
- Tutor students attending classes within the CS department including Data Structures and Algorithms, Parallel Computing, and Software Development.

## **Affiliations**

Association of Computer Machinery, San Francisco, CA

October 2016 - May 2019

### ***Officer***

- Coordinate and organize USF’s Annual Empowerment Hackathons. ( About 25 participants in 2018)
- Market, on average, three association gatherings per semester including annual picnics and celebrations.

Esther Madriz Diversity Scholars, San Francisco, CA

August 2016 - May 2017

### ***Member***

- Explored the impact of art on social movements through this living-learning community.